



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) CONTACT, AMPSEAL

AMP | AMPSEAL

770520-1
TE Internal Number: 770520-1

Always EU RoHS/ELV Compliant

Terminal Style **Receptacle/Socket**

Terminal Transmits **0 – 24 A (Low Power)**

Sealed **No**

Wire Size Search (mm²) **.5, .6, .75, .85, 1, 1.25, 1.3, 1.4, 1.5**

Wire Size Search (AWG) **15, 16, 17, 18, 19, 20**

Interface Plating **Tin (Sn)**

Product Drawings

CONTACT, AMPSEAL

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CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
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Product Specifications

Product Specification

AMPSEAL* Connectors

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Application Specification

AMPSEAL Automotive Plug Connector And Header Assembly

PDF
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Qualification Test Report

AMPSEAL Connectors

PDF
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Product Environmental Compliance

TE Material Declaration

MD_770520-1_09302015029_dmtec

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Instruction Sheets

Instruction Sheet (U.S.)

INSTRUCTION SHEET, AMPSEAL AUTOMOTIVE CONTACT 770520

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INSTRUCTION SHEET, AMPSEAL AUTOMOTIVE CONTACT 770520

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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Sealed	No
	Receptacle Style	180°
Contact Features	Terminal Style	Receptacle/Socket
	Interface Plating	Tin (Sn)
	Typical Current Rating (A)	17
Termination Features	Termination Method	Crimp
	Crimp Type	F-Crimp
Dimensions	Wire Size Search (mm ²)	.5, .6, .75, .85, 1, 1.25, 1.3, 1.4, 1.5
	Wire Size Search (AWG)	15, 16, 17, 18, 19, 20
	Wire Size	.5 – 1.5 mm² [16 – 20 AWG]
	Wire Insulation Diameter	1.7 – 2.7 mm [.067 – .106 in]
Usage Conditions	Operating Temperature (Max) (°C)	80, 85, 90, 100, 105, 110, 120, 125
	Operating Temperature (Max) (°F)	176, 185, 194, 212, 221, 230, 248, 257
	Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
Packaging Features	Packaging Method	Package
	Packaging Quantity	5000
Other	Terminal Transmits	0 – 24 A (Low Power)
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

AUTOMOTIVE, TRUCK, BUS, &
OFF-ROAD HOUSINGS

AUTOMOTIVE, TRUCK, BUS, &
OFF-ROAD HOUSINGS

RECTANGULAR CONTACT
INSERTS

AUTOMOTIVE, TRUCK, BUS, &
OFF-ROAD HOUSINGS

23 POS AMP SEAL PLUG ASSY 770680-1	35 POS AMP SEAL PLUG ASSY BLK 776164-1	HA.16.BU.S.B 17-32 1-1103417-7	23P AMPSEAL PLUG ASSY GREY 770680-4
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Products - 5 Results

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Relation Type ▼

RELATIONSHIP
Toolings
Tooling

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	PRODUCT - TOOLINGS	<input checked="" type="checkbox"/>
	<p>Application Tooling - OCEAN Applicators AMP</p> <p>OC-AT-S-FA-080F1200-001-0142 - 2151376-2</p> <p>TE INTERNAL NUMBER: 2151376-2</p> <p>✓ Active</p>	<p>Not in Scope for EU RoHS/ELV Compliance</p> <p>Region Worldwide</p> <p>Tool Type Applicator</p> <p>Spare Parts Tooling No</p> <p>Applicator Style OCEAN - Atlantic</p> <p>Applicator Feed Style Side Feed</p>

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	PRODUCT - TOOLINGS	<input checked="" type="checkbox"/>
	<p>Application Tooling - OCEAN Applicators AMP</p> <p>OC-PA-S-FM-080F1200-001-0142 - 2-2151376-1</p> <p>TE INTERNAL NUMBER: 2-2151376-1</p> <p>✓ Active</p>	<p>Not in Scope for EU RoHS/ELV Compliance</p> <p>Region Worldwide</p> <p>Tool Type Applicator</p> <p>Spare Parts Tooling No</p> <p>Applicator Style OCEAN - Pacific</p> <p>Applicator Feed Style Side Feed</p>

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Application Tooling - OCEAN Applicators
AMP

OC-080F1200- CRIMPTOOLINGKIT - 7-2151376-7

TE INTERNAL NUMBER: 7-2151376-7

✓ Active

Not in Scope for EU RoHS/ELV
Compliance

Region **Worldwide**

Tool Type **Applicator**

Spare Parts Tooling **Yes**

Spare Parts Tool Type **Spare
Parts Kit**